



PHILIP MORRIS PRODUCTS, INC.

ECUADOR TEST #253

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ECUADOR TEST #253

Four cigarette brands of August production were received from Ecuador (Quito) on November 12, 1992.

The current Marlboro Lights Long Size cigarettes were not different from the previous average in any of the characteristics tested.

This is the first sample of Superior Long Size cigarettes received from Ecuador since October 1991; therefore, no previous data are reported.

MANUFACTURER

PHILIP MORRIS

	<u>Marlboro Lights Long Size 20's (Box)</u>		<u>Superior Long Size 20's (Box)</u>
	<u>Current</u>	<u>Previous</u>	<u>First Sample</u>
<u>Smoke</u>			
Butt Length, mm	30.0	30.0	27.0
FTC Tar, mg/cigt.	10.2	11.4	11.0
Nicotine, mg/cigt.	0.75	0.88	0.65
Puffs/Cigt.	7.5	7.9	6.1
<u>Cigarette</u>			
Total RTD, mm of H ₂ O	118	109	120
Length, mm	80.1	79.8	79.7
Circumference, mm	25.0	24.9	24.6
<u>Paper</u>			
Permeability, ml/cm ² x min.	31	33	26
<u>Filter</u>			
RTD, mm of H ₂ O	72	77	65
Length, mm	20.0	19.8	19.8
Tipping Paper Length, mm	27.0	27.0	24.0
Tipping Paper Color	White	White	Cork
Ventilation, %	18	19	None
<u>Filler</u>			
Total Alkaloids, % (DWB)	1.77	1.80	1.86
Total Red. Sugars, % (DWB)	8.5	7.3	3.3
Wt. of Tob., g (12.5% OV)	0.707	0.723	0.607
Rod Length, mm	60.1	60.0	59.9
Rod Density, g/cc	0.237	0.244	0.210
Oven Volatiles, % (Equil.)	13.4	13.6	11.9

ECUADOR TEST #253

Lower tobacco weight and rod density were observed for the current Marlboro Long Size cigarettes.

The current Lark Long Size cigarettes were not different from the previous average in any of the characteristics tested.

MANUFACTURER

PHILIP MORRIS

	<u>Marlboro Long Size</u>			<u>Lark Long</u>	
	<u>20's (Box)</u>			<u>Size 20's (Box)</u>	
	<u>Current</u>	<u>Previous</u>	<u>U.S.¹</u>	<u>Current</u>	<u>Previous</u>
<u>Smoke</u>					
Butt Length, mm	27.0	27.0	26.0	28.0	28.0
FTC Tar, mg/cigt.	13.2	14.3	15.6	14.1	13.6 ²
Nicotine, mg/cigt.	0.94	1.00	1.14	0.96	0.90 ²
Puffs/Cigt.	7.5	8.2	8.6	7.5	7.9
<u>Cigarette</u>					
Total RTD, mm of H ₂ O	120	109 ²	105	121	118
Length, mm	79.5	79.9	79.4	79.9	79.9
Circumference, mm	24.8	24.7	25.0	24.7	24.7
<u>Paper</u>					
Permeability, ml/cm ² x min.	28	33	41	23	25
<u>Filter</u>					
RTD, mm of H ₂ O	65	66	66	60	64
Length, mm	19.8	19.9	18.9	19.5	19.7
Carbon, mg/plug	-	-	-	64	68
Tipping Paper Length, mm	24.0	24.0	23.0	25.0	25.0
Tipping Paper Color	Cork	Cork	Cork	Cork	Cork
Ventilation, %	None	None	14	None	None
<u>Filler</u>					
Total Alkaloids, % (DWB)	1.85	1.75	1.89	1.83	1.75
Total Red. Sugars, % (DWB)	8.3	7.7	6.3	8.6	8.2 ²
Wt. of Tob., g (12.5% OV)	0.683	0.730	0.707	0.690	0.698
Rod Length, mm	59.7	60.0	60.5	60.4	60.3
Rod Density, g/cc	0.234	0.251	0.236	0.236	0.240
Oven Volatiles, % (Equil.)	13.5	13.7	13.5	13.7	13.8

¹Data from C.I. No. 11/92.

²Results from Test #252, dated 10/9/92, where a change was noted.